COMPARE AIR FILTERS*

	ATMOSPHERE AIR PURIFIER	AMWAY AATS	NIKKEN KSAP 1000 POWER 5	THE SHARPER IMAGE IONIC BREEZE GP S1730
PURIFICATION SYSTEM				
FILTER TYPES	Three filter system: prefilter, HEPA, carbon with catalyst	Three filter system: prefilter, HEPA type, carbon	Prefilter, photocatalytic, carbon, nanocopper, HEPA system, negative ion generator.	No filters: ultraviolet light, ioniser
HEPA FILTER SIZE	2.75m^2	3.0m^2	1.66m^2	N/A
CARBON FILTER SIZER	1900 grams	1200 grams	60 grams	N/A
FILTER LIFE	Prefilter: removable for cleaning. HEPA: 1 to 5 years Carbon: 4 months to 1 year	Prefilter: removable for cleaning. HEPA: 1 to 5 years Carbon: 4 months to 1 year	All filters need replacing every 2 years.	N/A. Blades need cleaning at least every 2 weeks.
CLEANING POWER				
PARTICLE REMOVAL	Removes up to 99.99% of airborne particles as small as 0.009 microns. • Pollen • Dust • Tobacco smoke • Viruses • Mould fungi • Dust mites • Asbestos • Radon decay products	Removes up to 99.99% of airborne particles as small as 0.01 microns. • Pollen • Dust • Tobacco smoke • Viruses • Mould fungi • Dust mites • Asbestos • Radon decay products	Removes up to 99.97% of airborne particles as small as 0.3 microns, therefore, it would not remove viruses. Charged particles from the ion generator are released into the room, soiling surfaces.	Removes up to 43% of airborne particles. Charged particles from ion generator are released into the room, soiling surfaces.
ODOUR REMOVAL	Reduces pet odours, cooking smells and tobacco smells	Reduces pet odours, cooking smells and tobacco smells	Deodorises air	Reduces some odours
FORMALDEHYDE REMOVAL	82.80%	14.30%	Information not available	_
MAX. CLEAN AIR DELIVERY RATE (CADR)	7.1m^3/min	6.4m^3/min	6.4m^3/min	0.7m^3/min
MAX. ROOM SIZE	36m^2	32.5m^2	36m^2	4.6m^2
FEATURES				
REMOTE CONTROL	YES	YES	NO	NO
BUILT-IN PARTICLE SENSOR	YES	NO	YES	NO
AUTOMATIC FAN SPEED LINKED TO PARTICLE SENSOR	YES	NO	NO	NO
TIMER	YES	YES	YES	NO
SPEED SETTINGS	5	4	4	4
FILTER LIFE INDICATOR	YES	YES	YES	N/A
AHAM CERTIFIED	YES	YES	NO	NO
ENERGY USE	Energy Star rated	_	_	N/A
ENERGY USE (WATTS)	54.6 (max) / 3.5 (min)	110 (max) /19 (min)	94.2 (max) / 7.2 (min)	N/A

* Based on US data, 2013